

(G 3)

HERBARIUM

From Whom ....

Place ....

Date ....

**SUBJECT**

Letters to & from Dr. J. J. Smith  
during 1928.

ORCHIDACEAE

Connected Papers

**MINUTES**

No Minutes should be written on this page. A separate half-sheet to  
be used if required.

CABLE ADDRESS: "PULAI" SINGAPORE.  
TELEGRAMS: "PULAI" JOHORE.  
CODE: BROOMHALL'S RUBBER EDITION.  
LOCAL AGENTS: WHITTALL & CO.,  
MANAGER: L. O. DESBOROUGH.

GUNONG PULAI ESTATE,  
JOHORE PARA RUBBER CO., LTD.  
(INCORPORATED IN ENGLAND.)  
JOHORE BAHRU,  
MALAYA.

Sept. 5, 1931

Curator Botanical Gdns.  
Singapore

F. N. - 478/31.

2 in 435/31. para. 4

Dear Sir,

I thank you for letter dated 3rd. inst. -- it is most interesting.

1. My No. 13/8 (variety un-named of *D. Metachilinum*) -- 4 plants in all -- were found on an old Durian tree, surrounded by rubber trees, about 20 ft. up tree, late in 1930, but not together or touching, occupying three separated crothhes of tree. Two plants bloomed April & July 1931.

2. My No. 110/30, now identified by you as '*D. lanatum*' was found middle of 1930, on an old rubber tree (about 15 yrs. old), in a crotch some 25 ft. up tree. Bloomed Nov. '30 & June '31. I have two plants of it.

3. My No. 15/58 a *Dendrobium* resembling '*acerosum*' but much taller and bigger in both stem and leaff. Remarks noted. I will send specimen stems with bloom as soon as same appears.

Found on tall semi-dead hardwood tree on roadside at 16½ mile Johore B. - Pontian Road (together with a mass of *Coelogynes* like '*testacea*')

4. I would also again refer you to mine dated 11/8, my No. 66/13 an '*ERIA*' with samsage-bulb and four leaves (specimen sent you).

Undoubtedly a '*bractescens*', but bloom differs widely from Ridley except in colouration. May likely also turn out to be an at-present un-named species. When next in bloom, will send you living plant with bloom for definite identification.

5. As requested, when in bloom and thus definitely specimens you want, I will send you (or arrange that you get) living plants. As said, I think I have 4 of them, but know that I have two with certainty. Of plant 'para. 2' I have I think two only, one of which, when ascertained, will be sent you.

6. Beyond these, I have several, especially a number of *Coelogynes* and of *Saccolabiums* (and others) at present unidentified.

7. In all I have found approx. 60/65 plants, in every case entirely locals; either on my rubber trees or on secondary growths within Estate.

This Estate has some 1600 acs. at foot of Gunong Pulai, running (on main road) from about 17th. mile to 19th. Estate is some 30 yrs. old.

8. When named by Mr. Carr, I shall be glad to see his technical description of my No. 13/8 together with name given it. Finally would say that this locality must be rich with specimens of epiphytes within easy reach; I have merely 'scratched the grounds' for specimens, having little time for hobby.

Yours very truly

L. O. Desborough.

P  
#1  
c  
3  
From

## Memorandum.

parted tip  
(G 39)

To



stamen + lip  
side view.

, 192

lvs. lvs. ridge

*Stamponia Arachnis* from Celebes.

Petals & sepals ~~are~~ few yellow with pale crimped edges mottled with irregular red-brown patches which have paler centers. It is ~~not~~ winged not very loosely with fine blue-purple markings. Distal leaf with a deep smooth ridge along middle-line, this white pointed curving upward (see other vertical). Column <sup>slim</sup> marked as lip, but ~~less~~ blue markings on back. Anther pale, claw-like markings on back.

No. 78/36.

4th February, 6

Dear Dr. Smith,

I am sending you herewith a rough drawing and description of an orchid received from Celebes which has flowered here. The two flowers are sent separately, in spirit. The plant was sent by a collector named de Froidmont, in 1924, and flowered in December 1925.

I should be grateful if you could identify the species. There is only one plant, so that it is not possible to send leaf specimens.

Yours sincerely,

Ag. Director of Gardens.

Dr. J. G. Smith.

Willem Barentszstraat 83

Wrechtl.  
Holland

P. *muhandrenis* *budii*

Wrecks, 9th March 192

Dear Mr. Hutton,

I reply to your letter of February 4th. I beg to inform you that the order of which you sent flowers and a sketch was described by the late Dr. R. Sollester under the name of *Tandopsis celebica* (in *Botan. Repertorium* X (1911), 195) & my opinion it is no *Tandops* but an *Arachnis*, and consequently I changed the name (in *Nat. Tijdschrift Nat.* LXXII (1911), 74).

It is very closely allied to *Arachnis brevirostris*, (?) first described by me as *Arachnites brevirostris* from Sarawak (in *Bull. Dep. Agric. Ind. neerl.* (XXX. 1909), 40). Unfortunately I have seen only dried specimens of this plant, and therefore I am not wholly sure that both species should not be better united.

You did not tell whether you want the flowers to be returned. Please, will you kindly let me know? If this is not the case I should like to send them with your consent to the Leiden Herbarium where they surely will be highly appreciated.

Yours sincerely

J. Smith.

6th April,

6

165/26.

Dear Dr Smith,

Thank you very much for your letter of March 8th, identifying the orchid from Celebes, of which I sent you flowers, as *Arachnis celebica* (Schlechter).

I do not need the flowers to be returned and shall be very much glad if you will send them to the Leiden Herbarium, as you suggest.

Yours sincerely,

Ag. Director of Gardens.

Dr. J. J. Smith  
Willem Barentsz 83  
Utrecht

Holland.

F7/6

476/37.

31st December

7.

Orchids

Dear Sir,

I am sending you some more orchids from Sumatra, collected by Mr. S. M. Latif, who would be grateful if you could send him the identifications.

I have to thank you, on behalf of Mr. Holttum who is on leave in England, for your letter of 21st September with the previous identifications.

Yours truly,

E. A. H. C.  
Ag. Director of Gardens, S. S.

Dr. J. J. Smith,

Burgemeester van Griethuysenplein 8,

Oegstgeest,

H O L L A N D .

476/37.

31st December

7.

Sir,

Thank you for the specimens of  
orchids, which I am now forwarding to  
Dr. J. J. Smith for identification.

Yours truly,

Ag. Director of Gardens, S. S.

S. M. Latif, Esq.,

Kajoe Tanam,

SUMATRA.

Kajoe Tanam, 9.12.37

Dear Sir,

The plants sent to you some months ago were according to Dr. J.J. Smith: 5) *Liparis Rheedii Lindl.*; 9) *Ornithochilus ruscus Wall.*; 10) *Dendrobium clavigerum Hook.f.*; 11) *Thrixspermum pensile Schltr.*; 15) *Thrixspermum remotiflorum*.

I have sent to day to your address some herbaria (6 orchids + 1 climbplant). I should be very glad if you will determine them for me.

I am Sir

Yours obedient,  
S.M.Latif.

Former Correspondence

Please

F7/9

EJHC

# CARTE POSTALE

## KARTOE POS



The Director of  
Botanic Gardens S.S.

### SEKOLAH EKONOMI

Instituut voor Landbouw- en  
Handels-onderwijs op  
praktische grondslag.

KAJOE TANAM, S.W.K.

S i n g a p o r e.

Deftg est. 21<sup>st</sup> September 1937.

See Mr. Holtum.

I have received your letter No. 476/37 of the 24th August with the Orchids of Mr. Latif. I did already identify the plants and send the names to Mr. Latif.

The names are:

5. *Liparis Rhodantha* Lindl.
9. *Oncidochilus fusca* Wall.
10. *Dendrobium claviger* Hook. f.
11. *Tricoryphion pensile* Schltr.
13. " *remotiflorum* J.J.S.

Did you not yet flower again interesting  
Orchid hybrids?

With kind regards

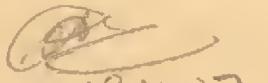
Yours sincerely

J. H. Smith

O.S. I have to thank you for 3 reprints dealing  
with ferns.

Former letters attached.

Please file

  
18.10.37.

F7/10

T

G 20

## MEMORANDUM

From

Director, Botanic Gardens,

Singapore,

23rd August, 1937.

To

Mr. S. M. Latif,

Kajoe Tanam,

Sumatra.

Dear Sir,

I am sorry that I cannot name the orchids just received. I will send the specimens to Dr. J. J. Smith, as a specialist is really necessary in these difficult groups.

No. 10 is a Dendrobium

No. 5 is a Liperis, apparently near L. Wrayi

No. 9 is very interesting: I do not know the genus.

Yours faithfully,

476/37.

24th August,

7.

Dear Dr. Smith,

I send herewith five dried orchid specimens received from Mr. S. M. Latif, Kajoe Tanau, Sumatra. He sent them to me for identification, but my knowledge of orchids is quite inadequate, so that I am sending them to you, hoping you may have time to deal with them. In any case you may be interested to have the specimens.

With kind regards

Yours sincerely,

Dr. J. J. Smith,  
Burgemeester van Griethuysenplein 8,  
Oegstgeest,  
HOLLAND.

F7/12

234/28.

22nd May, 8

Dear Dr. Smith,

Very many thanks for the identification  
of *Eria rigida* Bl., and *Trichoglottis Geminata*, J.J.S.

With regard to the record of *Microsaccus*  
*javensis*, Bl. in my list of Kuala Lumpur plants, I merely  
followed Ridley, and I now find that I was wrong in doing  
so. We have no living material of the plant in the  
Singapore Gardens, and I have seen only herbarium material.  
This is has been determined by myself, and one sheet  
which contains specimens from Kuala Lumpur, Klang and  
Singapore is written up as *Microsaccus brevifolius*,  
J.J.Sm., and another with three specimens from Singapore  
as *M. javensis*, Bl.

Another sheet with a specimen from  
Pahang matches those of *M. javensis*.

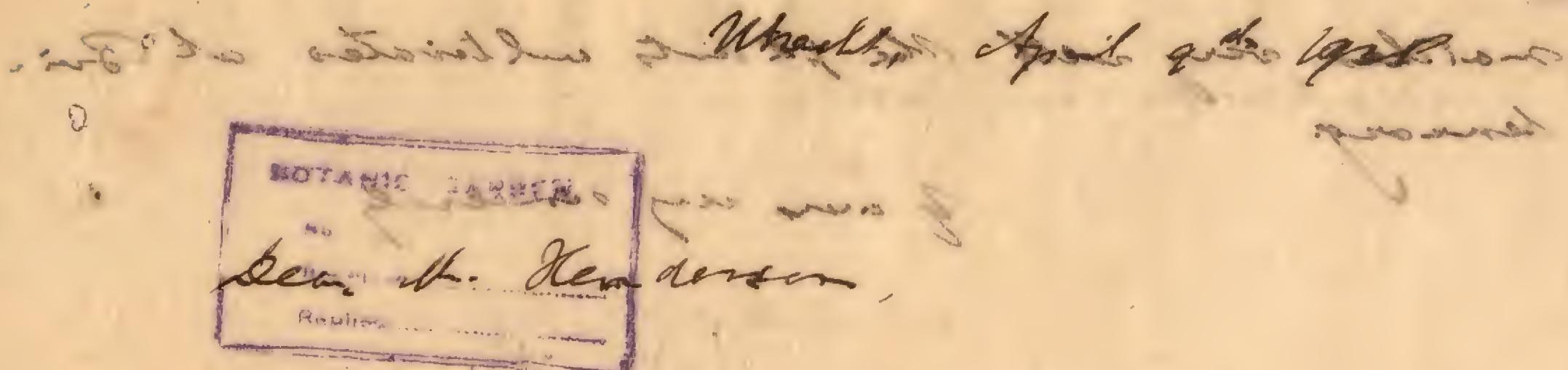
A note of the plants would be very gratefully  
accepted for the Gardens' Bulletin, and our  
herbarium material can be sent you if you care to examine  
it.

Yours sincerely,

CURATOR OF THE HERBARIUM.

Dr. J. J. Smith,  
Dorpstraat 64,  
Oegstgeest (near Leiden)

F. 13 Holland.



Very many thanks for kindly sending me a copy of your interesting paper on the flowering plants of Penang, Lumpur.

Among the Orchids you enumerate there appear which puzzle me, especially *Microsacca javanica* Bl. According to what I know of the genus I think it can hardly be this plant, but it may be one of my unnoted species or wholly new. It is not excluded that there are more than one species. *M. javanica* has also been mentioned for Singapore. I should appreciate it very much if you kindly would put in at odds a few flowering plants when coming across or keep it in the gardens until flowering. Most of the species are very difficult to recognise from dried material. It is also of value to note if there is a small yellow or green stain on the lips or not. Of course specimens from other localities would also be very welcome. Do you think that a note on the plant might be inserted eventually in the Garden's Bulletin?

The dried specimen of *Eria rigida* you sent me

matched very well the plants cultivated at Bir-  
mania.

Yours very sincerely

— 44 —

J. F. Smith.

and the author's name is not mentioned.

and the author's name is written on the back cover.

the present time, the author has not been able to find any  
reference to the name of the author.

distinct, unbroken, smooth, . . . . . . . . .

and the author's name and the place and date of birth and death.

located in front of the main entrance to the building containing the  
museum.

Wanted: Required to consider what was not  
done, and to consider what could be done.

and Great Britain, and the same year it was decided  
not to let the funds accumulate, but to distribute

Wells, about 2500 meters above sea level.

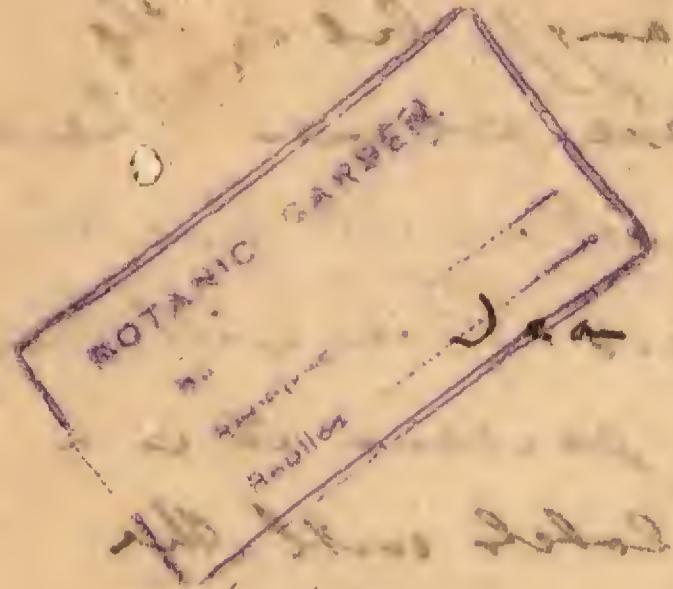
and the *liverwort* *Lophocolea* were also observed in  
the same genus.

and the same with the

the author's original work and several hundred  
of them, & it took up all my time.

2. The following is a list of the names of the men who were present at the meeting.

and I am writing back to you today about it.



and this would track back to the wild.  
This is, I think

Dear Mr. Henderson & Mrs. H. C. Smith  
I have just received your letter of  
2/2/08 and the flowers & spirit.

The Dendrobium proved to be a *Eriacis* (sic. *Cylin.*)  
~~obtusilabiate~~ and I find that Ridley's differences with  
*L. rigidula* Bl. Two varieties of this, <sup>yellow</sup> one white  
with yellow stripes, the other with purple stripes.  
Both come from Borneo and I have never seen the plant  
from elsewhere. However, it is quite possible that the  
species occurs also in Palang. A moment I have thought  
that it might be *L. pendula* Ridd., the only one which  
Ridley gives for the Malayan Peninsula, but according  
to the description the lip is totally different. I did  
not yet receive the dried specimen. If so receipt  
my opinion might be modified. I will write you  
again.

The Trichoglottis is *T. geminata* (T. & B. J.J.C.)  
(= *T. oblongifolia* Rolfe). It is a native of Celebes  
and the Moluccas. In the Botanical Gardens there  
were some 30 years ago specimens in cultivation which  
according to the labels should originate from Amboina.

Legge, 27th February 1911

Dear Mr. Henderson,

I am very much obliged to you for so kindly sending flowers, both dried and a spirit, of two ridge-leaf. They have been of great use to me.

Yours sincerely

J. W. Burch

Septem. 27th April 1931.

Dear Mr. Henderson,

In reply to your letter No. 129/31  
of March 30. I beg to inform you that the  
Aerides of Mr. J. Daywick of which you sent  
flowers is indeed  
*Aerides falcata* Lind. var. *Gouldiana* Veitch.

Yours sincerely

J. M. Smith

Mr. R. Henderson Esq.  
Singapore.

199/31.

30th March, 31.

Dear Dr. Smith,

I am sending you, under separate cover, flowers in spirit of an Aerides cultivated in Mr. J. Laycock's collection. The plant came from Siam.

Notes on the colour of the flowers are on the back of the label.

It seems to be close to Aerides Houleianum, Rechb. f.

Yours sincerely,

Confined G. J. J. S.

Dr. J. J. Smith,

Edegeester Straatweg 16,

Oegstgeest,

Holland.

Vegtgeest, 22<sup>nd</sup> September 1950.

Dear Mr. Henderson,

I enclose I am sending you the description of *Tanda Bourneae* for placing in the Gardens' Bulletin.

Would you be so kind as to correct eventually grammatical errors?

Can I have a number of separates?

Sincerely yours

J. J. Smith

61/31.

22nd January,

31.

Dear Dr. Smith,

At the request of Mr. C. E. Carr, I am sending you a few flowers from a specimen of *Eria Ridleyi*, Rolfe, which is authentic in so far as it is quoted by Ridley in his flora.

I am also sending, under separate cover, part of an inflorescence in spirit and from a plant collected and determined by Mr. Carr.

Yours sincerely,

Curator of the Herbarium.

Dr. J. J. Smith,

Endegeester Straatweg, 16

Oegstgeest,

Holland.

August 10<sup>th</sup> June 1930.

Dear Mr. Henderson,

N. 219/30

In reply to your letter of May 15<sup>th</sup> I beg to inform you that I wholly share Mr. Laycock's opinion about the Tanda. I have no doubt that it indeed a natural hybrid between *T. insig-*  
*nis* and *T. bicincta*. It is an interesting thing which I gladly will name after Mrs. Bowman.  
Thus *T. x Bowmaniae*. I shall be very thank-  
ful for photographs and a specimen of the vegeta-  
tive parts in order to make the description as  
full as possible. As they have arrived I will  
send you the manuscript as soon as possible.

There is still another Tanda of Dr. Laycock  
of which I am awaiting additional material. It  
may be called *T. Laycockii*, in honour of Dr.  
Laycock, who is so very much interested in  
Orchids.

On the time I have also received a Cymbidium  
from the Moluccas, but the material is not yet  
complete. I fear that the plant is difficult in  
cultivation and it may be impossible to you  
to send additional material.

Yours sincerely

J. P. Smith.

219/30.

13th May,

30.

Dear Dr. Smith,

I am sending you flowers of a Vanda collected in Alor, in the Lesser Sunda Islands by a Mrs. Bouman and cultivated in Singapore by Mr. J. Laycock.

It appears to be almost exactly intermediate between Vanda insignis and the form of Vanda limbata which comes from the Lesser Sunda Islands, and Mr. Laycock thinks it a natural hybrid between them.

Colour notes are on the back of the label in the spirit tube.

Mr. Laycock is very anxious to have Mrs. Bouman's name associated with this Vanda if it is found to be sufficiently interesting to be described and given a name.

If you do find it of interest, I will ask Mr. Laycock for photographs and a specimen of the vegetative parts.

Yours sincerely,

Dr. J. J. Smith,  
Endegeester Straatweg 16,  
Oegstgeest,  
Holland.

Daggett, 13th Nov. 1929.

Dear Mr. Henderson,

Referring to your letter No. 2 in 426/29 of August 20th. I beg to inform you that I have received a letter full of details from Mr. Carr. He wrote that he could not supply me with material of *Bulbophyllum trichoglossum* Rchb. having sent away all his specimens to dig up. If you are in a position to send me a few flowers of the said species I would be very much obliged. I have seen Mr. Carr's figure but there seem to be some differences with my plant.

I thank you for your kind offer to send me material for comparison. For the present I have written to Mr. Carr about some questions, but it is very possible that I will make use of your kindness.

I have received Mr. Carr's paper and it is a pleasure to see that the orchidology has again been taken up and in a serious way, in the Peninsula. His descriptions are excellent and it is fortunate that he gives detailed figures. But he will find very much to do.

Yours sincerely

J. Smith.

Sept. 17 A. M. 1850.

Dear Mr. Henderson,

I reply to your letter No. 20/30 of January 17th 1850 I beg to inform you that the specimen No. 1409, of which you sent flowers, is *S. pachystylis* Schlecht. and according to your description it must be the var. *pedunculatus* J.J. L. which I have enumerated in my list of orchids at the Botanical Gardens, and which differs from the common form in the longer peduncle.

Yours sincerely

J. Smith.



It is requested that the following number be quoted in the reply to this letter.

No. 30/30

Botanic Gardens, Singapore,  
STRAITS SETTLEMENTS.

17th January, 1930.

Dear Dr. Smith,

I am sending you a *Sarcochilus* No. A 409 from Pulau Banguey which has just flowered with us, and I should be grateful for a name.

The stem is short, c. 3-4 cms. long. Leaves thick, flat, pale below, sessile, amphioxicaul, lanceolate oblong, up to c. 17 cms by 3 cms, tip inaequilateral, slightly bilobed. Inflorescence c. 9 cms long, but probably elongates further. Flowers very pale greenish yellow, practically white. Middle of tip yellowish. Side lobes white veined pale reddish-pink inside. Spur spotted pale reddish brown.

Yours sincerely,

*W.H.S.*

Dr. J.J. Smith,

Endegeester Straatweg 16,

Ogstgeest,

Leiden,

Holland.



BRIEFK



M. R. Henderson Esq.  
Curator Herbarium  
Botanic Gardens

F7/26  
Dr. J. J. Smith  
Endegeesterlaan 16  
AFZENDER Oegstgeest  
Nederland

Singapore  
Straits Settlements

Degtyarev, 2<sup>nd</sup> December 1929.

Dear Mr. Henderson,

Very many thanks for sending me  
your material of *Bulbophyllum trichoglossum*  
Roth., which is indeed of much value to me.  
With my best Christmas and New-  
Year greetings Yours sincerely

J. Druett

Sydney, 21<sup>st</sup> January 1920

Dear Mr. Henderson,

In reply to your letter No. 609/29  
of December 24<sup>th</sup> A.D. I am glad to inform  
you that the orchid collected by Mr. Laycock  
in Timor is *Thrixspermum flaccidum* (B.)

Yours sincerely

H. Smith.



## Botanic Gardens, Singapore,

Straits Settlements.

It is requested that the following number be quoted in the reply to this letter.

No. 16c

24th December, 1929.

Dear Dr. Smith,

I should be very glad to have a name for the accompanying orchid.

The stems are pendulous, c. 30 cms. long, flattened, leaves thick, fleshy, slightly boat shaped, articulated at base, apex entire blunt, c. 7~~2~~<sup>2</sup> cms.

Bract lanceolate, c. 1.2 mm long.

Inflorescences short, breaking out from base of leaf-sheath, with two fragrant flowers each at a time.

Pollinia 2, waxy, on a candle and disk. Flowers white, except for base of side lobes of lip and base of column past, which are reddish orange.

The plant was given us by Mr. J. Laycock, who got it from Timor.

Yours sincerely,

Dr. J.J. Smith,  
Endegeester Straatweg 16,  
Oegstgeest,  
Leiden,  
Holland.

325/29.

18th June, 29.

Dear Dr. Smith,

I have two of your letters to acknowledge and I must apologise for the delay.

The first is dated 2nd April, and contains determinations of Renanthera monachica and Aeridea odoratum v. saavissimum, for which many thanks.

I do not know R. augustifolia. H.f. The type specimens (wray's) are not in Herbarium Singap., and as far as I can discover, we have not it in cultivation. Wray's specimens are probably in Calcutta.

Your second letter is dated 23rd April. I shall try to procure good specimens of the unnamed Vanda when it flowers.

I am sending 3 specimens for which I should be grateful for names.

There is a Vanda found by Mr. Laycock at Jor, Batang, Padang Perak, F.M.S. at an altitude of about 1800 ft. It is common there on tall trees. There is a flower in spirit, two black and white photographs and a coloured photograph which gives some idea of the colours. I should like to have the enlargement and the coloured photo returned. A description of the colours of the flower is attached.

The second plant is a Dendrobium near capituliflorum. Rolfe. Mr. Laycock obtained it from the Philippines. The flowers are borne in a condensed raceme which resembles a capitulum. The flowers in bud are greenish yellow. They became entirely orange yellow when first expanded and then develop reddish lines on the lip and petals. The plant is stout, the inflorescences being borne on leafless branches up to  $2\frac{1}{2}$  feet long, which are sulcate, and constricted at the nodes. Leaves rather thin, lanceolate ovate-lanceolate, base semi-amplexicaud, tip minutely inaequilateral, 4 - 4½ ins long, about 1 in broad.

The third plant is a ? Sarcanthus found by a local orchid

(2)

orchid dealer in P. Bulong. I have not seen fresh material  
of this.

Yours sincerely,

Dr. J. J. Smith,  
Engegeester Straatweg 16,  
Oegstgeest,  
Holland.

from Tor. Parak.  
Vanda ~~spicata~~.

Sepals & petals, ground color pale mustard yellow, but almost completely overlaid with dull reddish brown, the two lower sepals with an irregular pale yellow blotch near their bases.

Ground color of lip the same pale yellow, the mid-lobe dull olive, the side lobes purplish red, side lobes white with purple markings at base, the base of mid-lobe with 4 purple lines, the two inner running forward between the keels. Column white faintly tinged yellow, reddish purple at base. Sac of the same reddish brown as sepals.

Mouth of lip very minute.

Type on separate sheet

335/29.

22nd June,

29.

Dear Dr. Smith,

I am sending you another specimen in alcohol, a *Dendrobium* from the Philippines, for which I should like to have a name.

The flower is uniformly pale lemon yellow except for a greenish yellow patch in the centre of the lip.

Your sincerely,

Dr. J. J. Smith,  
Endegeester Straatweg 16,  
Oegstgeest,  
Holland.

165/29.

19th March,

29.

Dear Dr. Smith,

Many thanks for your letter of 18th February with identification of Sarcanthus suaveolens, Rehb. f.

Mr. Laycock informs me that it came from near Silobangit.

2. I am sending another Vanda flower received from Mr. Laycock, and should be pleased if you could give it a name.

The ground colour of petals and sepals is yellow, almost covered by reddish brown. The lip is yellow with six distinct red-brown lines which broaden towards the apex of the midlobe and finally merge and disappear some distance from its margin. The spur has a faint pink tinge. The column is white with a pink transverse bar below.

Yours sincerely,

Curator of Herbarium.

Dr. J. J. Smith,

Dorpstraat 64,

Oestgeest (Leiden),

HOLLAND.

Oegstgeest 23<sup>d</sup> April 1899

Dear Mr. Henderson,

In reply to your letter No 165/29 of March 19<sup>th</sup>, 1899. I am sorry to say that the Vanda of which you sent a flower is unknown to me. It is an ally of *V. sumatrana*, *V. leucostele* etc. but apparently different from all these; so it may be new.

I hope Mr. Laycock will kindly allow you to send a leaf with the apex undamaged and a whole inflorescence (dried), and I should be pleased if you could give me the following informations:

Length of stem.

Leaves more or less arched?

Usual number of flowers.

Scent of flowers.

and especially the habitat.

Yours sincerely

J. Smith.

P. S. I beg to inform you that my address will be from 15<sup>th</sup> June next:

Endegeesterstraatweg 16

Oegstgeest (Holland).

Daguerre, 2d April 1889.

Dear Mr. Henderson,

In reply to your letter of 1st March I beg to inform you that the name *Randa citellaria* is unknown to me. As you suggest the plant you sent is a true *Pearlberry*, viz. *R. monachica* Jones from the Philippines. This species is very closely allied to *R. angustifolia* Hook. f., which Ridley united with *R. matutina*, but I can not agree with him. Do you know *R. angustifolia*? I know it only from Hooker's description and figure in Icons plantarum and from a plant from Sumatra which I identified with it. I would be very happy if you could spare me a flower.

The second plant is *Sennels suavissonus* Lindl., but this species is now regarded as identical with *As. odoratum* Lour., the principal difference being only the yellow colour of the lip. It may be called *As. odoratum* var. *suavissonum*. I know it from the Philippines, Malay Peninsula, Sumatra, Borneo and Celebes.

Yours sincerely

J. M. Smith

Botanic Gardens,

Singapore.

1st. March, 1929.

Dear Dr. Smith,

Very many thanks for your letters of 29th. January and 3rd. February, with determinations of Coelogyne vagans, and Vanda sumatrana. The sheet of C. vagans was not meant to be returned.

I am sending you two more specimens in alcohol, on which I should be glad to have your opinion. Both are from Mr. J. Laycock's collections.

The first was received by him from a dealer in Manila labelled Vanda clitellaria, Rchb., but looks more like a Renanthera. The stems are about a foot and a half long, the leaves very thick, dark green with a thickened edge, sessile and up to about 8-9 inches long. Part of a leaf is in the spirit tube. The inflorescence is a little longer than the leaves, with 8-10 flowers. The flowers are uniformly yellow with red spots.

The second, a local plant, seems to be very close to Aerides odoratum, apparently differing somewhat in colour. The sepals and petals are white, faintly suffused with amethyst, with an amethyst patch at the tips. This colour is much more prominent on the backs of the sepals and petals. Lip yellow, midlobe with a pink bar inside and out, the spur with pink dots and lines, but greenish at the very tip. Base of sidelobes within and foot of column with pink spots and lines, otherwise the column white. Pedicel of the same amethyst colour as on the sepals and petals.

Dr. J. J. Smith,  
Dorpstraat 64,  
Oestgeest (Leiden)

Holland

Yours sincerely,

Curator of the Herbarium.

No. 6/29.

Teguk-keo, 3<sup>d</sup> February 1929.

Dear Mr. Henderson,

The Vanda of which you sent a flower  
is *V. sumatrana* Schle. It is a near ally of  
*V. Dearei*. The flower you sent was not a large  
one, generally the sepals surpass 3 cm. in length.

Since my letter regarding *Cathaya* was unanswered  
Schle. was posted I received the herbarium "list of  
the said species. do you want to have it returned?  
I suppose it is not your intention as the label  
reads .. ex Herb. etc."

Yours sincerely

H. Smith.

Singapore, 29th January 1929

Dear Mr. Henderson.

Though I did not see the vegetation  
part I have no doubt that the codeya you  
from Bern Lagi, of which you sent an impression  
in alcohol, is *C. varians* Schlecht.

This species should have a long creeping  
rhizome and two-leaved ground-balls.

Yours sincerely

J. D. Smith.

Habit like of V. Deari. Leaves almost same except  
that tip is not so markedly reflexed.

Ovary & pedicel pale cream, ovary with two sharp  
ridges

Sepals & Petals wanting. Ovary, green, clear  
pale yellow, overlaid with reddish brown, the edge of  
yellow, yellow blocks or markings in centre, the  
Claws pale. Veins pink at edges slightly variegated  
pink.

Fls. like of V. ~~Deari~~ flesh ~~pink~~ side-blanks dries pink.  
white towards base with a few small reddish streaks  
give lobes white with reddish streaks <sup>here</sup> at bases



Strong odour like vandas ~~etc.~~

Vandas from Leyte

Dagstuhl, Dorpat and 65.  
10th February 1829.

Dear Mr. Henderson,

I reply to your letter Mr. Veg. of January 11th. I beg to inform you that the plant of which you send flowers is aliquid and the sketch of a leaf is *Sarcanthus swartzianus* Rchb.f. The species has already been recorded from Java, Bali, Borneo and Southern Sumatra. Is the exact locality from whence you have the plant not known?

Yours sincerely

J. D. Smith.

6/29.

11th January,

29.

Dear Dr. Smith,

I should be glad for a name for the accompanying orchid, which comes from Sumatra.

I am sending a few flowers in alcohol and a rough sketch of a leaf, natural size. The inflorescence is simple, shorter than the leaves, the flowers subtended by short broad bracts about  $\frac{1}{4}$  the length of the pedicels.

The pedicels are green, the upper sepal concave, greenish pink, green outside in bud, the lateral sepals very pale pink, almost white. Petals pale green with a broad reddish purple stripe for two-thirds of their length. Lip and spur pale mauve-pink. Column white.

The flowers are fragrant.

The leaves are thick and wrinkled on both surfaces, and the stems on one plant are about 25 cms. long.

Yours sincerely,

Dr. J. J. Smith,  
Dorpstraat 64,  
Oestgeest (Leiden),  
HOLLAND.

F7/41  
Laycock, Sumatra  
Siccobium 107/28

234/28.

27th December,

28.

Dear Dr. Smith,

Thank you for your letter of November 26th and for the identifications of *Dendrobium undulatum*, R. Br. var. *gracile* and the *Cymbidium* allied to *C. laucifolium*.

Of the latter I will send a photograph, and will send if possible a complete dried specimen when the plant flowers again. I have 3 or 4 plants.

I am sorry that in my previous letters I confused *Saccolabium myosurus*, Ridl. with *Saccolabium minimiflorum*, Hook. fil. The former Mr. Carr has carefully described and figured; he considers it to be a distinct genus. The latter Mr. Carr has cultivated and has noted your transference to the genus *Abdominea*.

Mr. Carr has with great care described and figured about 20 new species of orchids from the Malay Peninsula. The paper is now ready to go to press and I hope to publish it early next year in the Gardens Bulletin. You shall have a copy as soon as possible.

Yours sincerely,

Dr. J. J. Smith,

Dorpstraat 64,

Oegstgeest, (Leiden)

HOLLAND.



Received, 26th Nov.-Cycl.

Dear Mr. Holttum,

I reply to your letter No. 234/20 of 17th October  
I beg to inform you that the material arrived in  
excellent condition.

I am much indebted to you for sending *Tricoryphium*  
*serrula* Hook.f. It is indeed very similar to *T.  
obtusum* Bl. but I think distinct. In *T. serrula* the  
wide lobes of the lips are  
very distinct, whereas  
in *T. obtusum* they  
gradually taper into  
the middle. I must  
add however, that  
the flowers of the

material you kindl. sent were somewhat shrivelled.  
I suppose that they were collected just one day too old!

In regards *Dactylobium myrsinum* Ridd. I would  
draw Mr. Carr's attention to *Dactylobium*  
*minima* Hook.f., which I have transferred  
to Abdominea (Bull. Gard. Bot. Brit., 2<sup>nd</sup> ser., No. XXV  
(1917), p. 29). In which periodical Mr. Carr publishes  
his notes? - in my opinion it is.

The flowers you sent under the name of *Dendrobium*

*Melocera*. Dr. Br. ? belong not to this species.  
They exactly match what I described in Nova Guinea  
as *D. undulatum* R.Br. var. gracile. In Java it is  
often cultivated as I know it is a good flower. Now fine.

The flowers in the third tube belong to a species of  
*Cymbidium* which is undoubtedly *C. lanceifolium* R.Br.  
*C. lanceifolium* Hook. from India and Java. In the anxious  
upturned tip of the lip it agrees with a plant from Boeroe  
(Moluccas) which I enumerated provisionally in my  
recent paper on *Rhizocereus brennans* as *C. lanceifolium*.  
My plant was very poor consisting of a small pseudobulb  
with two small leaves and a single very short one-  
flowered peduncle. The specimen being so very poor  
I thought that the lip might be deformed. Since the lip  
of the flower you send show the same peculiarity I  
am sure that it represents a good distinguishing character.  
I fear that it will be impossible for you to send a  
complete specimen but I would much indebted to you  
for a photograph or a sketch of the lip, and the  
dimensions of pseudobulb and leaf.

Yours sincerely,

J. Smith.

Dear Mr. Holttum, Oct. 20, 1920

Dear Mr. Holttum, just a short

Thank you so much for your letter of  
13th September and for the portion of *Saccobolus*  
*myosurus* Ridl. you kindly enclosed.

As far as can be said without having seen flowers  
it seems to be different from the plants you sent for  
identification, especially in the inflorescences which  
in the latter are not apetalous like in *Jas. myosurus*  
but perhaps only a little sooty, whereas the bracts have  
a different shape. I have described it provisionally  
as a new species of *Pennellia* but flowers of  
*Jas. myosurus* are very similar and I hope Mr.  
Carr will be successful in hunting it.

The plants you send for identification are ready to  
be returned. As soon as I can find time I will make  
up the descriptions of the new species and send them to you  
for the Gardens' Bulletin. But as to the *Pennellia*  
*myosurus*, that is safer. Is it possible to have a  
number of reprints?

Mr. Carr did not yet send me a copy of his paper. I  
hope he will not forget it. If he cares for I can send  
him some of my papers.

I have found that a collection of Indian Plants in

spirit is most valuable, and I should wish that I  
had at my disposal here the rich collection of  
Bulwer's. It is good to put small plants in their  
whole in a tube and to add a leaf or the upper  
of a leaf to the flowers of the larger kinds.

With kind regards

Yours very sincerely

Adm't.

Yours was received in time to answer your  
question about the new species of *Leptosiphon*.  
I have not yet had time to go over all the  
material at hand, however, and will do so  
as soon as possible. At present I can only  
say that the botanical name is *L. glauca*,  
and that it is a new species. The  
name is derived from the glaucous color of  
the leaves.

I have just finished a paper on the  
standard and wing cells in the *Leptosiphon* A  
short time ago, and the main point of  
interest in it is that it is based on a  
large number of species, and that  
it shows a clear relationship between  
the two types of cells.

The paper is now in press, and will be published  
in the near future. I hope you will be able  
to get a copy when it is published.

234/28.

17th October, 8

Dear Dr. Smith,

I am now sending you three specimens of orchid flowers in dilute spirit. One is Taemophyllum serrula Host, from the Gardens, as we understand this species. The other two are described on the attached sheet.

As regards Saccolabium myosurus Ridley, Mr. Carr has already in preparation an illustrated account of it. He had found the plant and decided that it should belong to a distinct genus before he saw your description of Abdominea, to which genus it belongs: He thinks Ridley's species is rather different from yours, though very similar.

I expect Mr. Henderson back on Nov. 17th.

Yours sincerely,

Director of Gardens, S.S.

Dr. J. J. Smith,  
Dorpstraat 64,  
Oegstgeest, (Leiden)  
Holland.

## DRAFT

(G 17)

Fair Copy signed by

Sir,

① Dendrophis - pseudobasius Reichb. ?From the Moluccas, exact locality unknown: flowered in Singapore  
in cultivation.Sepals white, faintly veined purplePetals dull yellow, faintly mottled purple; at base purplish  
with narrow yellow border.Lip: side lobes - tip yellow; basal part - white with  
purple veins; ridges in centre purple-edged.Anther yellow; Column white with purplish markings on  
dorsal surface.② Tainia ? said to have been collected near Ternate.Plant with pseudobulb and single leaf; scape, from base of  
pseudobulb 30cm. tall, few flowers.Sepals pale greenPetals: ~~Dendrophis~~ greenish white with purple midrib  
surfaceLip white with large purple patches on the side  
lobes.

Reichenb.

? Dendrophium, shebbeceras Rothb.

Maycock 19.9. - 8

Lip: lips white, faintly veined purple.

Tails dull yellow, faintly mottled purple; at base & purplish with narrow yellow border.

Lip: side lobes & tip yellow;  
basal part white with purple veins;  
edges in centre purple w. ed.

Anther yellow. Column white  
with purplish markings on dorsal  
surface

Rev. Street

J. L. Maycock  
20/9/1931

F7/47

(S.)

(G 35)

# Memorandum.

From

To

, 192 .

Faeria ? Eulophia

G. Jahr n female from Ismail.

sepals pale green

labellum petal greenish white with purple midrib on  
upper surface.

lip white with large purple patches (lateral) near base



purple patches.

13/9/8

~~Received Aug 13/9/8  
and it is sent to Wisconsin  
Soc. & was a  
replied accordg to T.S.  
1869 to part of 1870 fit. sent  
d. Soc. " 1869 "~~

Deerfield, 12th August;

Dear Mr. Holttum

I have to acknowledge the receipt of several letters from you and Mr. Steyermark, and of 6 mounted sheets of orchids for identification.

I was much interested in your information regarding Mr. Carr. If such men have some care of botany they can do excellent work in collecting, preserving and studying them on the spot. The grande jure of the Lawrence *Taeenia hypoleuca* I described in the latter years I am owing to a planter Mr. Bokhoven van der Brink who is now attached to the University Herbarium. I am sure Mr. Carr will detect many new species of this affinity.

I last forward with interest to his publication on the pollination of orchids. I have in the press an article on self fertilization in *Thunbergia*, and no doubt Mr. Carr also will come across such cases. On occasion I should be very thankful for some flowering material in spirit of *Taeenia hypoleuca* Sch. f. for comparison.

I have standardised the plants sent by Dr. Steyermark. I did not yet returning them as I should like to compare one of them with *Taeenia myosurus*.

234/28.

25th May,

8

Dear Dr. Smith,

I am taking the liberty of sending you six mounted sheets of unnamed orchids, for identifications of which I should be very grateful.

I am sorry that the material is so poor and that we have no duplicates.

Yours faithfully,

CURATOR OF THE HERBARIUM

Dr. J.J. Smith,

Dorpstraat 64,

Oegstgeest, (Near Leiden)

Holland.

F3/50

BOTANIC GARDEN.

No. 8936

Received.....

Replied.....

B

Bentley, 21 Oct. 1920.

Dear Mr. Berkill,

I think the *Spadoglossis*  
you sent is a form of *S. affinis*,  
but the side lobes of the lips and  
the claw of the nodobe are  
much narrower in your plant.  
The callus tip is thicker. I  
am sending you a few buds  
of *S. affinis*, from plants  
cultivated in my own garden.  
I hope you will succeed in  
flowering them. If not, I will  
send you flowers, etc., later  
when again.

Can you perhaps supply me with

some material of *S. droserella* var. *stipulae* R. & S.!

I have observed a curious anomaly in *Sundewella* trichoglossa R. & S., especially in the plant, which I received some time ago from Singapore. In most of the flowers there is a thick place of the stigmas where a large tubelike anthers membrane covers the stigma. On each side of this is a pair of pollen-sacs. It may be a kind and worth the plants in the Singapore garden and when possible send me a few pieces of spirit!

I have a number of new

specimens of this species from Java, which formerly were regarded as the *S. Lychnis*.

With kind regards

F. M. Bailey yours

J. D. M. Bailey

*Oreosoma*

Joorn. Linn. Soc. xxii. 382

*D. J. Carr*

Botanic Gardens,

Singapore.

24th. Feb. 1931.

Dear Carr,

Many thanks for your letter of the 17th and for information re various plants. We will keep a look out for those from the mangrove that you want.

I am sending you a bundle of duplicates from my recent collections, and a couple of mounted sheets to be returned. Also spirit material, mostly duplicates except for a couple of specimens I should like to have back. There is no hurry about returning these, as I know you are full up with work.

About the drawings, which I am returning, I think there is no doubt that the detailed analyses should be published, but perhaps it should be left over for a bit until you see how much there is to be, when they might all be published together as a special no. of the Bulletin.

One or two of the Upper Perak orchids puzzled me and I hope they prove interesting. The limestone round Leng Ong gave several very curious things, and it needs further collecting on.

Yours sincerely,

G. E. Carr, Esq.,

Kembeling,

Pahang.

Tembaling,  
Pahang,  
Feb. 8.  
17. 2. 31.

Dear Henderson,

Very many thanks for your letter and the flower of the Bulbophyllum. This is without doubt B. cheiropteratum, Ridl. of which I have examined the type in Kew and incidentally figured it. Thanks also for the plants which I take it came from mangrove swamps. They were Bulbophyllum concinnum, Hook. f., B. hamuliferum <sup>Ridl.</sup> Eria floribunda, Lindl. and a Coclogyna which is of considerable interest to me and for the moment I cannot imagine just what it is. If you could get some more it would be very useful. By the way I am dealing tonight with B. rugosum Ridl. whose type locality is Chan Chu Kang. It would certainly be useful to get this again as it appears to be very variable as is the case with several spp. of the section Lestochilus to which it belongs and also to section Stenoschilus to a lesser degree. For instance I must reduce B. variabile, Ridl. to a variety of B. uniflorum Hook. of which B. galbinum, Ridl. has already been made a synonym, but more curious still I have no option but to create a new variety of this very variable species for our very striking Cameron Highland plant No. 23651 with 5 flowers on the inflorescence! I can find no structural characters upon which a new species could be based and will base my variety upon 1) the number of flowers (var. pluriflorum, Carr.) and 2) the incidence of a small oblique keel across the base of the basal lobes on the upper side of the lip and 3) a minor detail the colour. The original name is surely rather unfortunate as hitherto the inflorescence produced 2 flowers as often as 1!

The capsule of B. longiforme, Ridl. is queried by some one. I have, however, examined the flower under fairly high power and find the apical

portion of the petals to have been broken off in a rather deceptive manner so that at first sight one might think the petals much shorter than in fact they are. There is no question that the flower belongs here.

I cannot possibly deal with B. catenarium Ridl., most unfortunately, as I fancy one of the Dosa Hill plants to belong here, but the blighter has at least 2 and possibly 3 spp. under his determination so that without the type it would be useless to do anything. More material should be sought for of the Singapore plants since these are most probably not the species which is montane and I know of no species of the section Nonribulatum which is common to low country and the hills.

Thanks for the Liparis: It is a very puzzling plant being four times as large as Liparis comosa Ridl. and yet the structure appears almost identical. I have never seen L. comosa anything approaching this development. Have you a description of L. pusilla, Ridl.? The plant should certainly be distinguished from L. comosa, Ridl.

Of the spp. of which you have no material I can furnish type drawings of B. xanthum, B. breviscapum, B. punctatissimum and B. perakense.

In regard to type material I have no doubt that in many-flowered things such as Oberonia, Dendrochilum, some Bulbophylla and Eriac etc., Lemmerkays would certainly forward sufficient material for detailed description and figuring. Few-flowered spp. are of course a different matter. In regard to B. tenerum Ridl., of which you have no material, I came across what if I remember rightly was the type at Kew, unfortunately I have lost my Kew notebook with all the valuable notes contained therein, it simply disappeared from the house here stolen probably by a hopeless horor I had

now on the Kuanjou since that back, if Bletia montigenum Radd. & Wight does not come  
is B. planidilbe Radd. It had mixed up plants in B. planidilbe! I do not  
know whether the new material alludes to the name B. montigenum Radd. but I cannot  
remember definitely if the new plant was the type. I do not know.

It is very unfortunate that you have no type material of B. montigenum  
Radd. as what I take to be this species is a fairly common montane plant. This belongs  
to the section Aphantolum with many-flowered inflorescences and I  
have no doubt 1 or 2 flowers could be procurable from Radd.

In regard to the figures these are the originals which were sent to you  
for examination since Holttum had intimated his intention to publish them  
later on. When I started on them I had no idea that publication was  
entertained. For my own use tracings of the whole plants are invaluable  
and would be invaluable to any orchidologist but as regards the herbarium  
here my idea was to furnish you with Indian ink drawings of the  
analysis only since you possess the original material. The drawings  
I sent are at present in the rough and can be made up just as desired.  
I went to a fair amount of trouble over these since I consider that if  
figures are to be of any real value they must reproduce all possible details  
of structure otherwise one is apt to be greatly misled and this is especially  
the case in dealing with short, often very inaccurate, descriptions.

I fear botany will have to take a back seat for a few days as I have  
just been asked for detailed estimates of expenditure to cover the next 4  
years!! So easy to ask but — ?

I sincerely hope you and Corrie will make Tumbling your H.Q.  
when visiting Pahang & I greatly look forward to your visit.

Yours sincerely, W.W. — P.T.O.

February,  
E.O.S.  
17.1.31.

Dear Henderson,

Thanks very much for your letter and for the *Dendrobium*. The plant is obviously closely allied to *D. Derryi*, Ridl.. I will postpone examination, however, till some plants of mine, recently found by Corrie & me on Fossa Hill and now in bud, come into flower. When I found these plants I took them for a form of *D. Derryi* Ridl. with elongate stems as such a form does exist, but your flower appears different.

Can you let me have an up-to-date list, from No. 299 onwards, of your spirit material since & there is no doubt that I can give you a big boost up here. As all my tubes are occupied by 2 or 3 species can you send me tubes for the purpose?

Please thank Mrs. Henderson very sincerely for the cats. She has certainly trained them very thoroughly indeed and they follow me everywhere. I know it is an easier tonight when I donned a sarcophagus the small tabby, who was terribly shy on arrival, came clean out of his shell and is at present sitting in this paper so that I have just had to move his paws to write this line! They are all quite well and slept the first night on a chair, with plenty of cushions, beside my bed.

I am uncertain as to what their food has consisted of. Personally I think rats are fairly O.K. and so apparently do the cats. They each had a large one yesterday and another large one today and are fairly full and happy tonight! Last night the white one and the brownish tabby insisted on coming into my bed but the two tabbies kept to their chair. Fortunately there has been no work here owing to rain for the last two days so I have been able to put them all pretty well at their ease. Please tell Mrs. Henderson that the smaller tabby is very interested in the writing of this letter. It really seems as if he knows to whom it is going. The cats all live in my bedroom except when they follow me into the sun and they are still frightened to death. Nayandy! I don't suppose they have ever seen such a black man before! I attempted this afternoon to take them rattling but the sight of the dog sent them all up trees as quick as could be. It will take me doing but cats learn very quickly and when they see that squeak is very harmless they will doubtless accompany him on expeditions for their mutual benefit. They have been trying to make friends with the white cat and her two black kittens but so far the former will have nothing to do with them.

Best wishes for the new year. I hope to see you soon when you come up to Benone and must try and determine the tough propositions for Lower Highlands before then.

Yours sincerely,

W.H.

P.S. About *Eria Ridleyi*, Roff., can you let me have the type sheet here ~~what~~ or authentic material so that I can make a tracing for Smith and would you mind letting him have a flower. I am forwarding several other things shooting which he wants before he publishes his list of Sumatran orchids.

Tembeling,  
Pahang  
F. T. S.  
S. . 31

Dear Henderson,

Very many thanks for your last letter. I have been too busy recently, or aids occupying all my leisure moments, and have saved up all correspondence for today.

The Bulbophyllum you sent is B. Wrayi, Hook. f. and we found it recently in fruit on Foon Hill. B. disciforme will remain unpublished as it is too close to B. limbatum Wendl. to be maintained.

Examination of the type material to date shows the following :-

Obronia aurantiaca Ridl. is identical with O. anthropophora Lindl., O. condensata, Ridl. is O. Phreatia nova, Hook. f., Microstylis longidens, must be reduced to a variety of M. parakensis Ridl. I will let you have material of this which is new to the Peninsula. It occurs ~~here~~ at Batu Balai. Dendrochilum album Ridl. is a colour variety of D. aurantiacum Bl..

~~Liparis~~ I heard from Smith today. He wants authentic material of Liparis Haingayi Ridl. (Microstylis Haingayi, Hook. f.), + Eria Ridleyi, Holz. Can you oblige? If so would you send them here so that I can send them to him with the other things he wants. ~~I have no material~~

I want to press on with examination and figuring of types as quickly as possible as I badly want to tackle Bulbophyllum, Eria, and Coolyanne. I have a whole bunch of figures which I will let you see later on. It is of course kept in back determination of the remaining Cameron Highlands + other plants but it is so important and valuable that I think it deserves first place.

Has Mrs. Henderson found a home for her kittens yet? If not I will take them over. My cat produced two jet black things which spend most of their time in the afternoons + evenings in clawing their way up and down my bare legs! I am in an awful state with scratches. It is alright when I am in shorts and stockings though even then the space between the two seems to fascinate them!

Have you had any news from Hotton?

Yours sincerely,

Watt

63 Bullophylla sent

11/2/31

Tembeling,  
Pahang,  
F.O.S.  
7. 2. 31.

68 of others

Dear Henderson,

I return herewith the types and other material of Nierastylis, Liparis, Platyglinis and Dendrochilum. The last two genera are of course quite indistinguishable from one another and leading orchidologists now regard Platyglinis as a section of Dendrochilum. There are several rather puzzling things among the plants you sent. For instance No. 5.2. Platyglinis odorata, Tanah Rata (coll. F.O.S. Neesemann) is undoubtedly a form of Dendrochilum gracile v.v.s. but it has a narrow leaf with the exception of that on the right of the shoot and a longer inflorescence. The flowers, however, show no differences. I have re-examined No. 5.11. Cameron Highlands 9<sup>th</sup> April 1930 which I previously determined as D. gracile and find certain rather distinct features in the structure of the lip. I enclose my sheet with the figure. The habit too is rather distinct. I cannot say just what it is for the present. Kindly return the sheet to me when you have finished with the figure.

No. 16575 D. ellipticum f. S. Perling (Berkill & Haworth) fits in with nothing so far seen by me and I also have it locally. Unfortunately there are no flowers of D. spathulatum Ridl. so I cannot say definitely. I have given a list of wanted material to Holttum & asked him to endeavour to get it from Kew. There should be no difficulty in getting one or two good flowers of such things as Oboronia & Dendrochilum.

I cannot match D. ? spathulatum Ridl. No. 17795 Cam. High. (R.R. Henderson). My figures of D. angustifolium Ridl. have been sent to Smith.

There are two distinct species of under Liparis atrosanguinea Ridl. I take the Larut Lillo plant (Dec. 1901) to the type and there is a sketch of a flower

on a duplicate sheet in lens (a copy of which I have). It matches with nothing in Lindley's collection nor could I match it in Kew. The Semangko plant (May 1902) appears to me to be very close to L. nervosa, Lindl.. The only difference appears to lie in the fact that I can only find a single basal callus whereas Lindley's figure in his collection shows 2. I would hesitate to separate the plants.

My figures of L. purpureo-iridis, Burkitt have been forwarded to Smiter. There are 2 species under L. lacustris, Ridl. I take the Maxwell Hill plant as the type & since Scott's drawing is more or less correct  (lip) and H. f. comments beneath it "should be 2-pid". The Gunung Raya plant appears very similar to a plant which I have found on two occasions on Fraser Hill only there the flowers were green. I am not yet certain as to the identification.

Right I have Bulbophyllum, Eria, Tripterosia, Pherataea, Poaephyllum, Aratostylis, Tainia vegetissima Ridl., Calanthe, Cinnabaris pallidens Ridl., Coccygine + Pholidota? That will keep me busy for some time and I want also to finish the descriptions and figures of the new things from Cameron Highlands for inclusion in my next paper.

By the way I came across a Lycopodium in Kew from Benom labelled L. comosa Ridl. but distinctly not. It is a much larger plant. Have you a sheet? If so I would greatly like to see it for unfortunately I had no time to go into it at Kew.

I should have loved to accompany you to Benom for a few weeks but as you are aware funds do not permit and I doubt if rubber will improve in the next six months.

(G 39)

## Memorandum.

From

Botanic Gardens,

Singapore.

13th. Feb., 1931

To

G.E.Carr, Esq.,

Tembeling,

Pahang.

Dear Carr,

Many thanks for the specimens and drawings, which arrived safely today. I don't quite understand about the drawings. Are these your originals, and do you want them back again, or are they copies which we may keep? You certainly have put a tremendous amount of work into them.

Yours,

(Gen. 68)

Officia Memo.

From

11. 2. 1921.

Maxwell's Bill

To

M.R. Henderson Esq,

Botanic Garden,

Dear Henderson, S'pore.

Thanks very much  
for your note regarding the  
*Bulbophyllum*. Ridley's descrip-  
tion fits it very well except  
that his *B. epicyrionthes* appears  
to have pink sepals while my  
plant has pale pink ones but very  
densely spotted ~~purple~~ mauve. The  
petals are thread-like all yellow,  
not grey with white at base as  
Ridley's.

I am sending you another  
piece complete with one flower.  
Last time the flowers must

got broken as there were two  
or three.

Yours sincerely

J. B. Bangs  
~~re-received~~

There are about  
as many who are in  
great peril now  
than we are. We  
receive a number of let-  
ters from those who  
are here who are  
in great ~~danger~~ peril. We  
do not know what  
will become of us

(Gen. 68)

Memo.

6. 2. 1931

From

F S Campbell

Maxwells Hill.

To

Dear Henderson

I am sending  
under separate cover  
a small orchid which I  
found growing on a rock  
at 3600 ft (Teuping Hills)

It is rather quaint, could  
you please tell me its name?  
If worth while I intend taking  
it home with me next  
week so would you please  
wish soon.

Thanking you.

Yours truly

F S Campbell

F7/62

Replied 9/2/11

*Bulbophyllum* sect. *Epicadus*.

Strike Specimen sent to Car. &

Banfield asked for more.

N. Westcott Hill

at least and .

which is about N. W.

and S. Hill is

105 or 110 ft. above

the hill -

which is 11

and the hill is 110 ft. above

which is 110 ft. above the hill

Tumbeling,  
Pahang  
F. T. S.  
12.2.31

Dear Henderson,

Very many thanks for the Sarcocentron & the Bulbophyllum. The latter is undoubtedly B. chloropetalum Ridl which appears to be fairly wide-spread in the hills. It does not flower so frequently as other spp. of the section, however, and this is probably the reason for its having been overlooked for so long. I do not know if there were any living flowers when you sent it but I found 2 dried ones in the tin and softened them down. Letters take 3 days from Singapore owing to the fact that for some unknown reason they go to K. L. first then overland to K. Lipis & then on the next morning! & The plant was quite fresh but is only a portion with a few roots. These plants are very difficult to grow unless the basal part of the rhizome, where the major portion of the roots rise, is taken. However I will do my best as this is a form with extra fleshy leaves.

I know nothing whatever about the Sarcocentron & if it gets past S. saccatum Ridl. it will have to be S. Hendersonii in recognition of the very excellent and helpful details you so kindly sent with it. The tube was broken but I softened the mucilage down splendidly in water. Have you any material of S. saccatum Ridl.? If one could go by Ridl's description of your plant would appear to be distinct (I have Linnaea XXII on loan here) but unfortunately one cannot.

Please tell Mrs. Henderson that the cats have become quite used to the small dog now and we go for ratting expeditions occasionally when I have time. A few evenings ago I took them for over half a mile from the bungalow and back again after they had devoured their rats! It is really quite amusing.

When are you coming along here? (Yours sincerely, Moore.)

(Gen. 68)

Official Memo.

From

To

27.12.1930

Maxwell's Hill

Triping

M. J. Henderson Esq

S'pore

Dear Henderson,

Thank you  
for your memo. Reference  
to *A. bicolor* which you  
identified for me last  
November (1929) at first I  
thought it was near *Catocala*  
but later you wrote to tell  
me it was *A. bicolor*. You  
sent the specimen to C.E.Carr  
who confirmed it and added  
that it was a new record  
on the Peninsula.

F7/64 Thanks for your hint

regarding packing  
orchids.

Please accept my  
best wishes for a happy  
new year.

Y

Very sincerely

J. Van Pelt

# Memorandum.

Botanic Gardens

Singapore

3/8/31

To

C. E. Carr, Esq.

Tembeling

Pahang.

Dear Carr,

Carr has handed me two letters in which there is some information for me. Many thanks.

I am sending you our only sheet of *Sarcoceras Machadoi*. They are some loose flowers, I notice. You had better stick to a few. We have no material of *S. Kuntheri*, but I enclose a drawing of it, copied from the original, which is presumably at Calcutta.

I have compared flowers of the Erik plant with your drawing of *S. Machadoi* & they agree closely, except that the very tip of the midlobe is perhaps not so broad as you show it & not minutely retic. Otherwise they are identical.

Have you any living material of this? If not let me know & I will send a piece of my Erik plant. It is now in full flower &

There are 35 or 40 spikes on it

Tambeling,  
Pohang.  
29. 1. 31.

Dear Comer,

Very many thanks indeed for the orchids. It is most kindly decent of you to think of me and I am always very grateful indeed for anything sent along.

The very small Bulbophyllum may quite possibly be a small state of the clusior B. catenarium Ridl. and the larger one with distant more or less erect 4-sided bulls on a very slender long-creeping rhizome I take to be B. striatulum Ridl also new to me. The large ground orchid is probably Nephelaphyllum pulchrum Bl. though the leaves are usually brownish above. By the way will you please tell Henderson that the species as Holttum & I got on Bumong taken (Aug. 1928) is N. tenuiporum Bl.. I fancy I wrongly determined this and merely followed Ridley's list of a previous expedition by him. I cannot yet pass any comment on the small ground orchid. The smallest of the Dendrobia is D. subulatum, Hook.f. The small Oberonia of which you had a single plant puzzles me immensely. It is easily the smallest species in the Peninsula (but it is evidently mature as it has flowered) and I can't think what it can possibly be. It will be most curious if both your species of Oberonia prove to be undescribed! The larger of your Dendrobia is quite common in most situations in the plains. It is, however, of considerable interest as it is the plant hitherto considered as D. tenuis, Lindl.. When at Home however, I went through Lindley's herbarium, as far as this and time permitted, and have a facsimile of Lindley's type figure. I can <sup>say</sup> ~~say~~ with certainty that our plant is not D. tenuis Lindl.. What it actually is will have to be ascertained when time permits.

Very many thanks indeed, Comer. You are doing me an extremely good turn. There is a very distinct orchid flora characteristic of mangrove and other similar swamp areas, the nearest approach to which is found curiously enough on ridges of limestone hills such as Batu Caves, Kota Langgi, Gunung Sengun, Gunung Tepek etc etc. but a large number of species appear to be entirely characteristic of mangroves and similar swamps in coastal areas. Ridley did not go in for live material to any great extent, especially in the smaller species, and many more things remain to be described from mangrove swamps and in particular small things of an ephemeral nature.

If we go on as at present you will have to get Holttum to double his estimate for the Bulletin!

Yours sincerely  
Wood

Timbeling,  
Palawang  
F. N. S.  
30.1.31

Dear Comr,

Thanks for your letter with particulars of plants and also very many thanks indeed for the photographs which I was very glad to have.

The small Bulbophyllum appears to be B. reticulata Ridl. of the section Cirrhopetalum. It has a spur in spite (it produces one-flowered inflorescences) from Tantabat No. 422. I think there is little doubt as to the determination though with Orchids one must wait till flowers are seen.

The Thrixoporum is I take it the plant described by Hooker fil., and now so known as Thrixoporum notabile, Ridl.. Smith reduced this to a synonym of Th. acuminatum (Lindl.). When Henderson & I went to Kilantan, however, at Marapoh on the way back I went up a river and secured your plant. On flowering it appeared to me to be quite distinct, of the leaves often entirely red, the flowers much smaller and the lip distinctly coloured. I am at present keeping the plants distinct though it may be necessary later when more plants of each have been examined, to reduce T. notabile to a sub-species of Th. acuminatum. The sepals + petals of the former are red instead of yellow as in the latter. I rather doubt if Smith had actually seen T. notabile.

I want to thank you again, Comr, for your kindness in sending me those plants. They are nearly all quite characteristic of areas to which I have no access and it is of the greatest help to me. Your plants to date form a most interesting collection and there is little doubt that similar localities will provide many more good things at least in the orchid line.

I am just finishing off my drawings of the type material when I will send them back. Please thank Henderson for the Sarcocentrus. I will post with this in a day or so. Has he any authentic material of S. hochstetteri & S. kuhotteri? I enclose a figure I made some 2 years ago of a Timbeling plant which I take to be S. hochstetteri. The spur is septate (almost entirely) and this is probably the lamina leading from the conic lobe called (as the figure shows) referred to by Ridley. Ask Henderson to return it when finished with. I must refer to Index Kewensis to see if this has ever been referred to the genus Sarcocentrus.

Yours sincerely,



P. S. I also enclose a sketch of S. heterophyllum made by me from a Pots Diakoon plant in 1922. This may not yet be referred to Sarcocentrus.